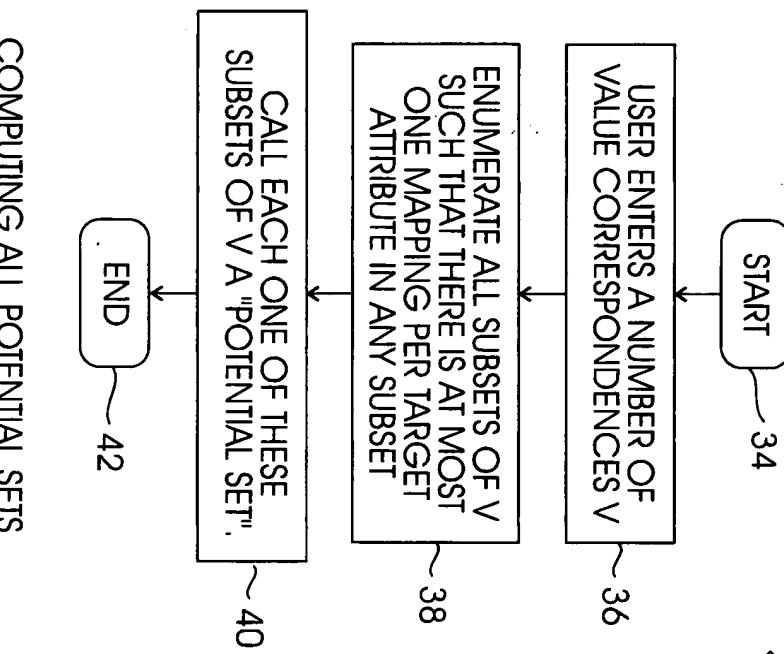


FIG. 2  
OVERALL LOGIC,  
BATCH MODE

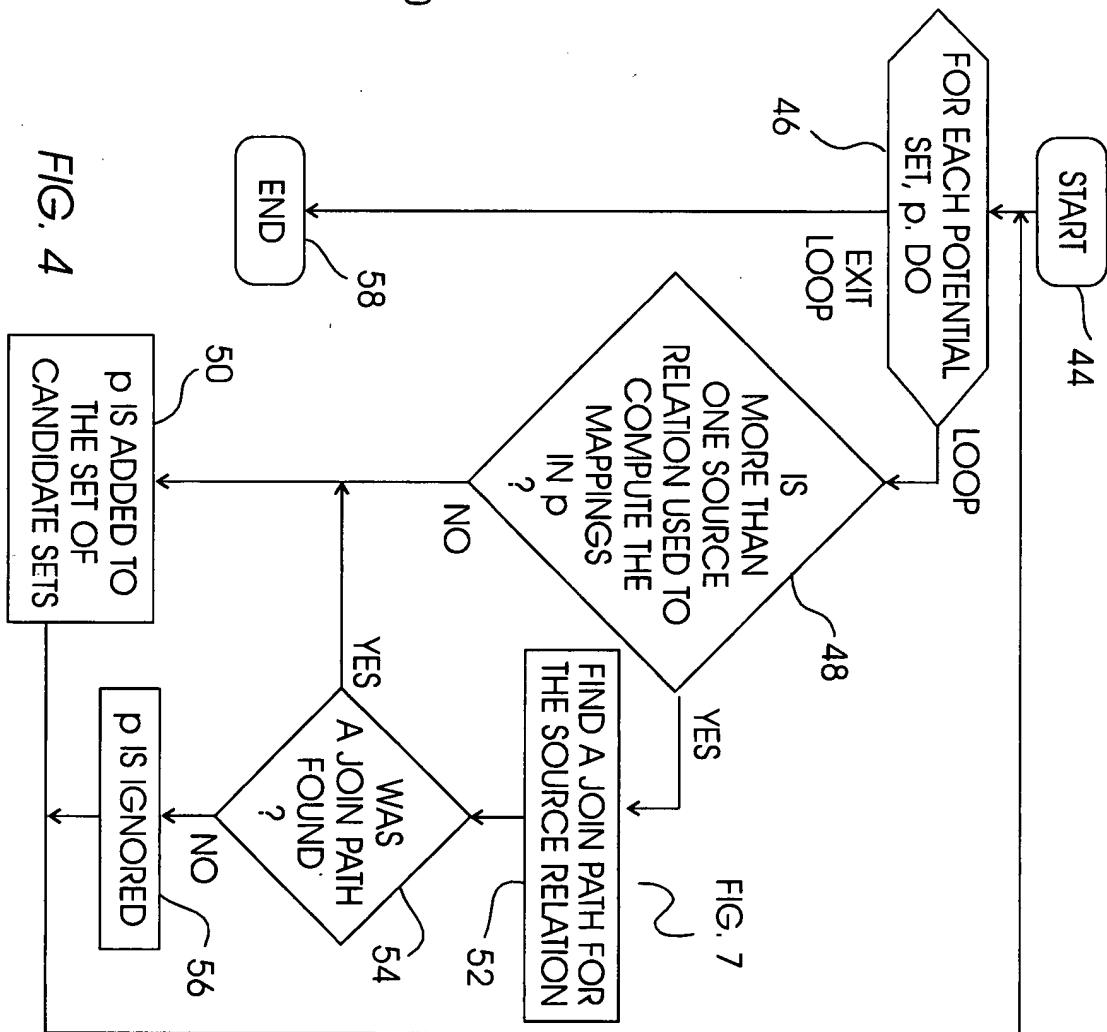
COMPUTING ALL POTENTIAL SETS

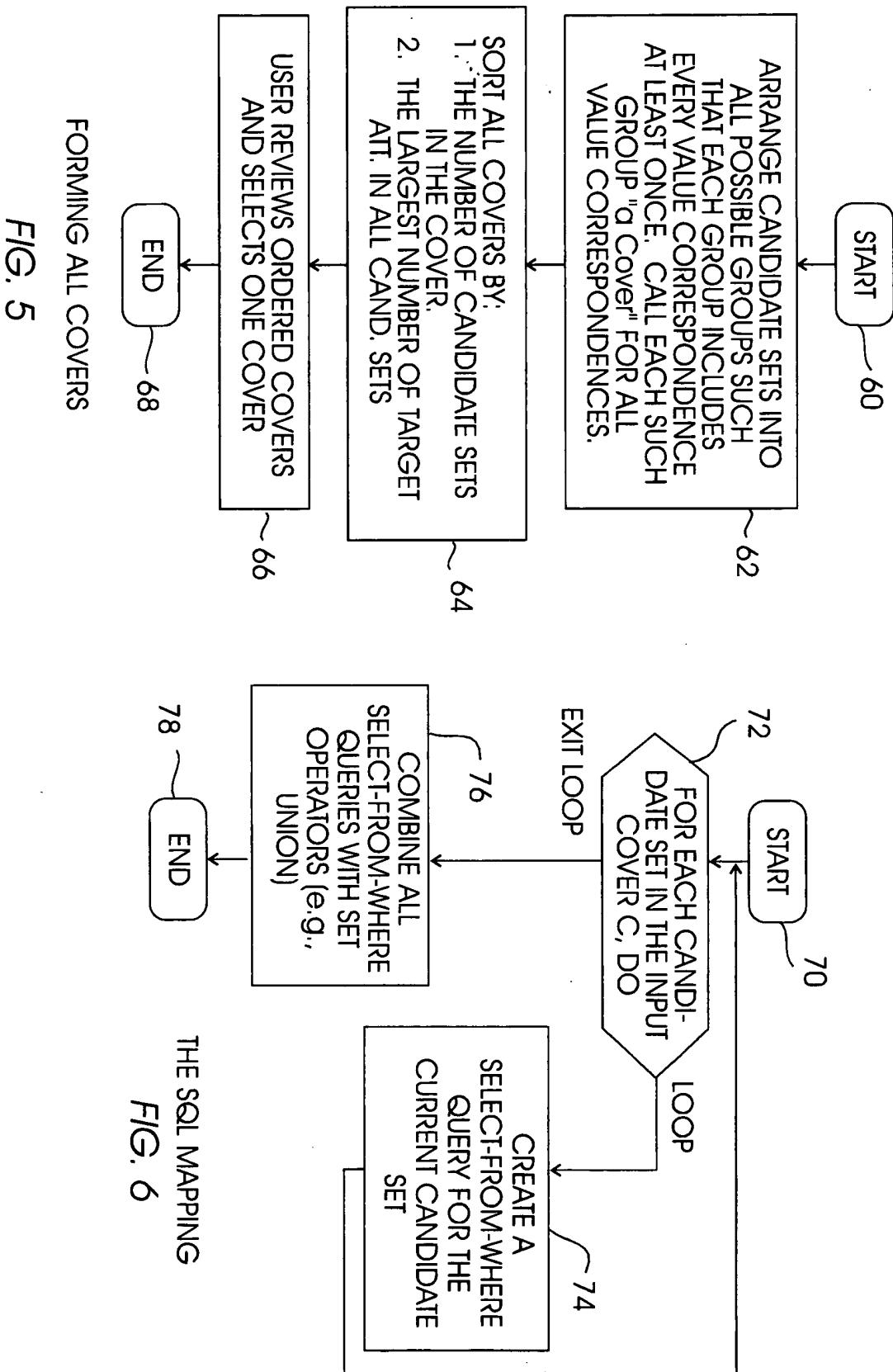
FIG. 3

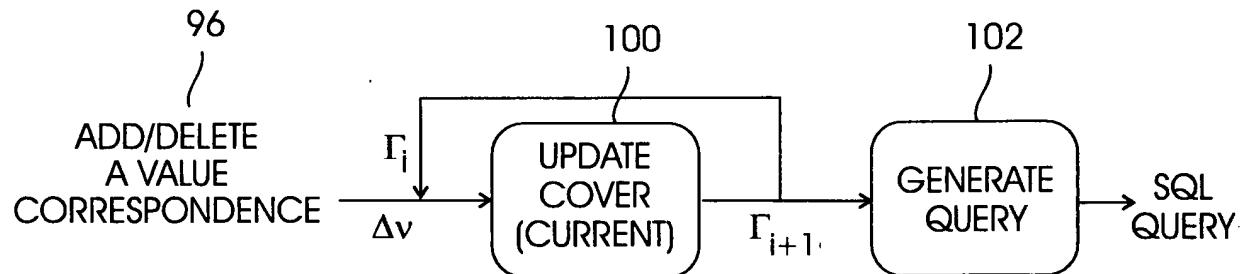
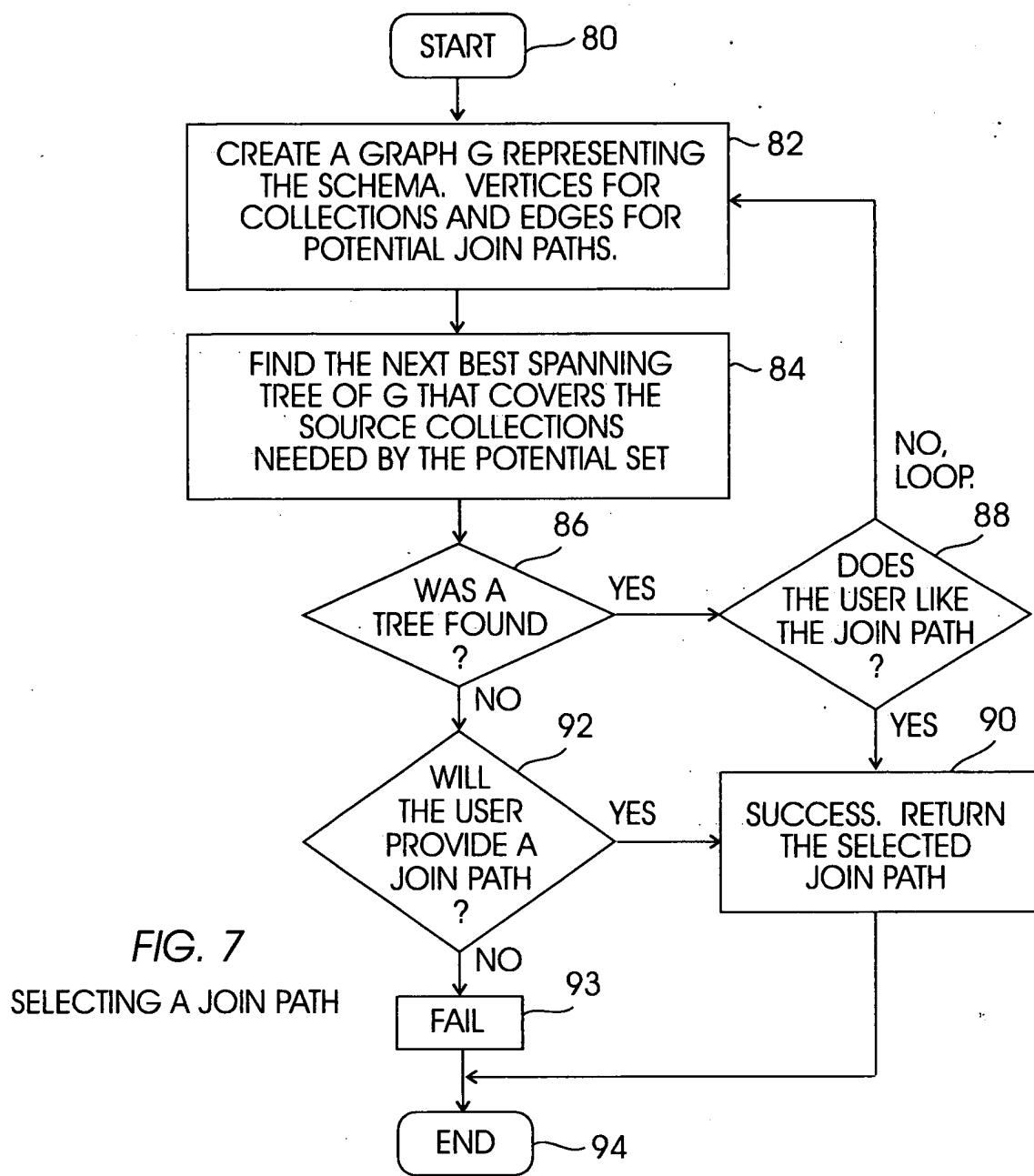


COMPUTING ALL CANDIDATE SETS

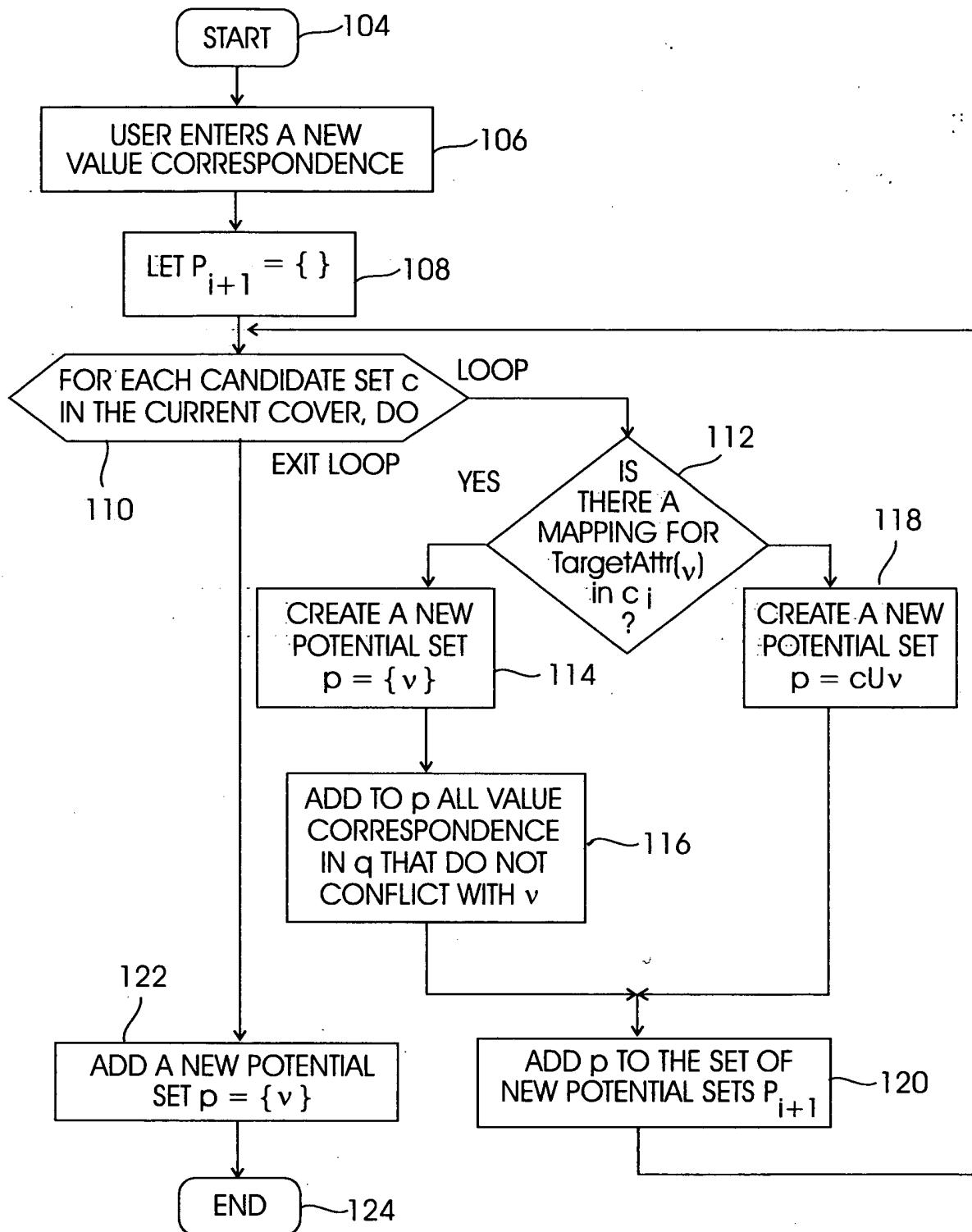
FIG. 4







**FIG. 8**  
INCREMENTAL ALGORITHM



## FIG. 9

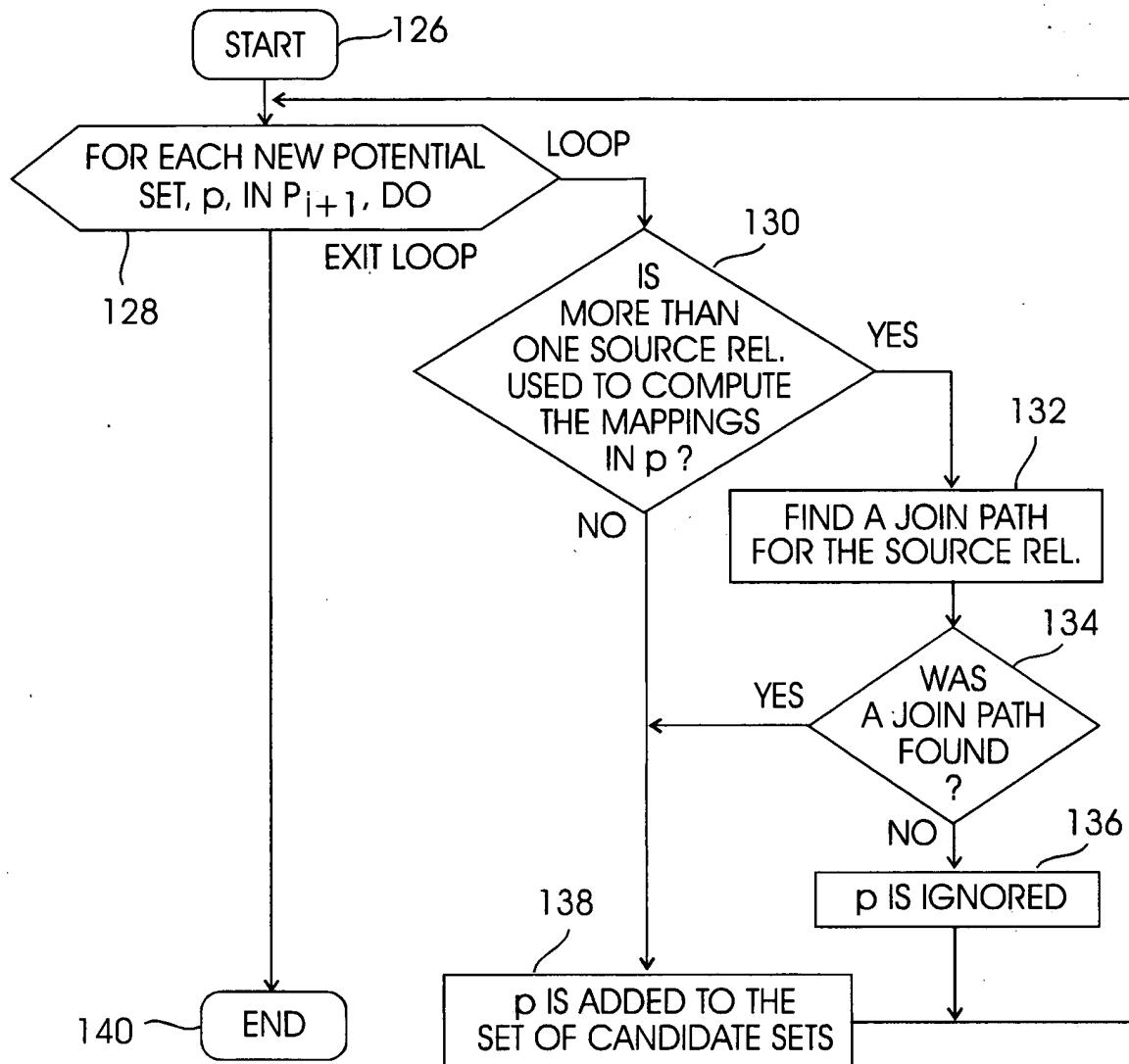


FIG. 10  
COMPUTE THE NEW CANDIDATE SETS

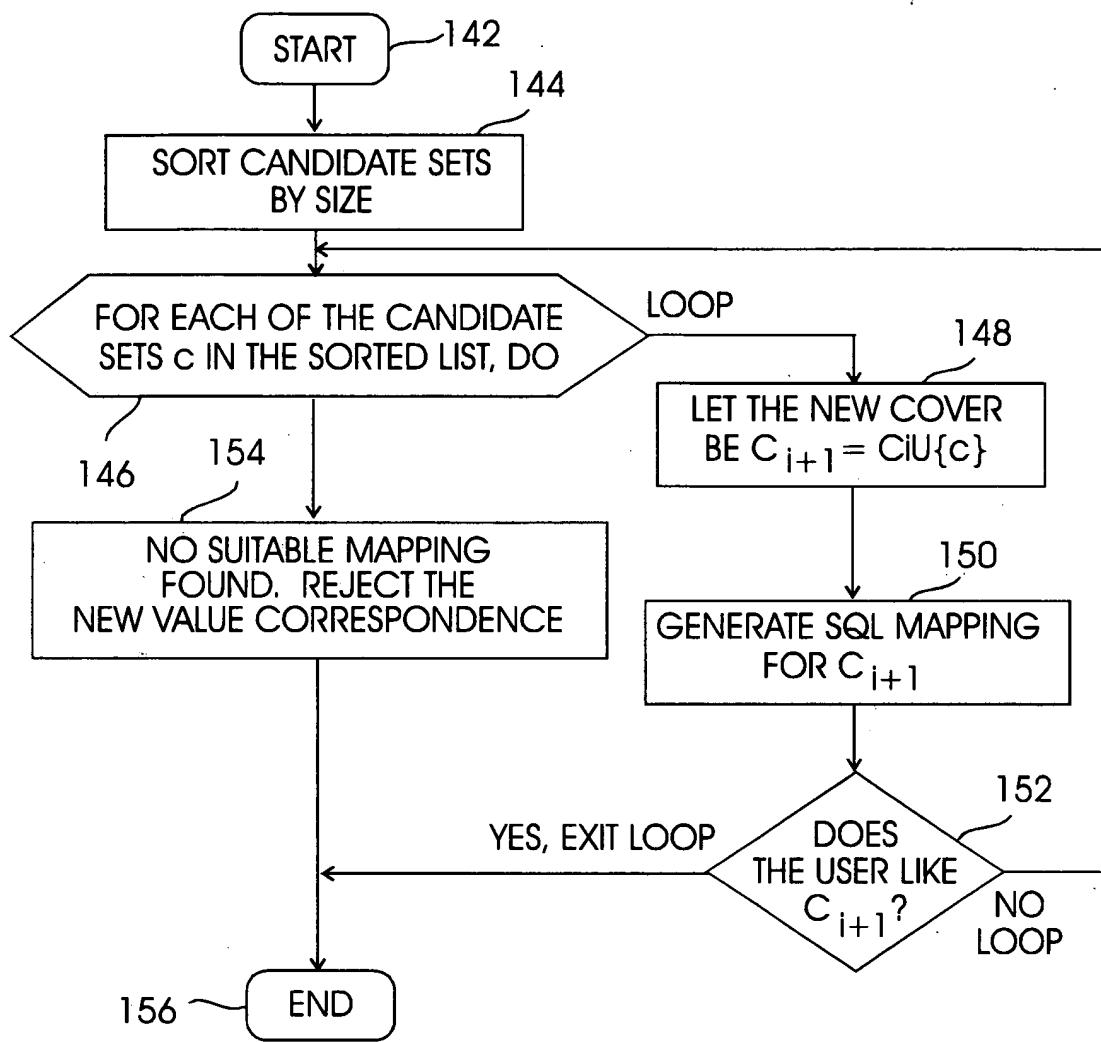


FIG. 11  
SELECT A NEW COVER AND SQL MAPPING

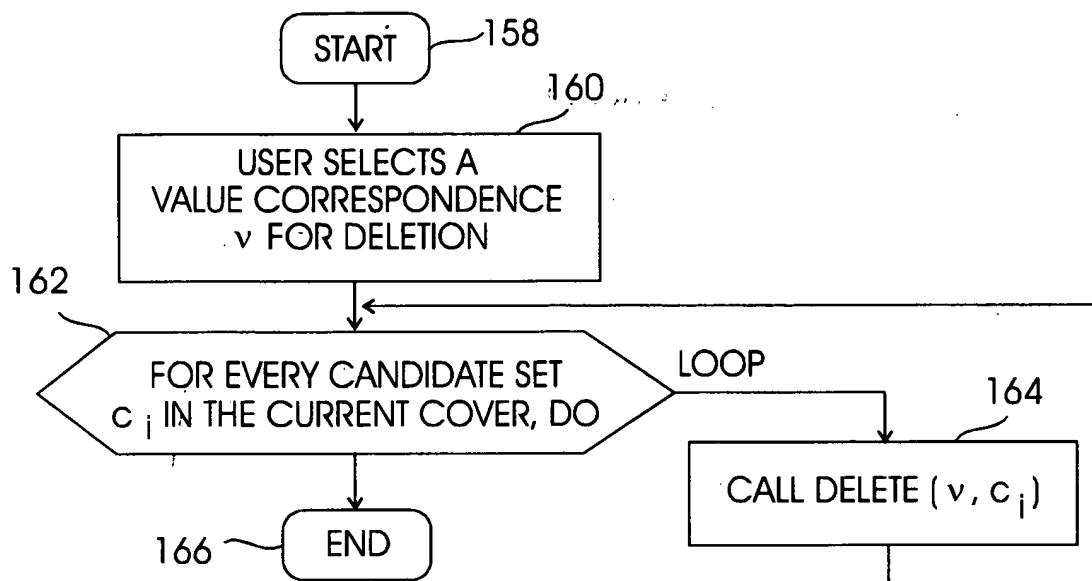


FIG. 12  
DELETING A VALUE CORRESPONDENCE

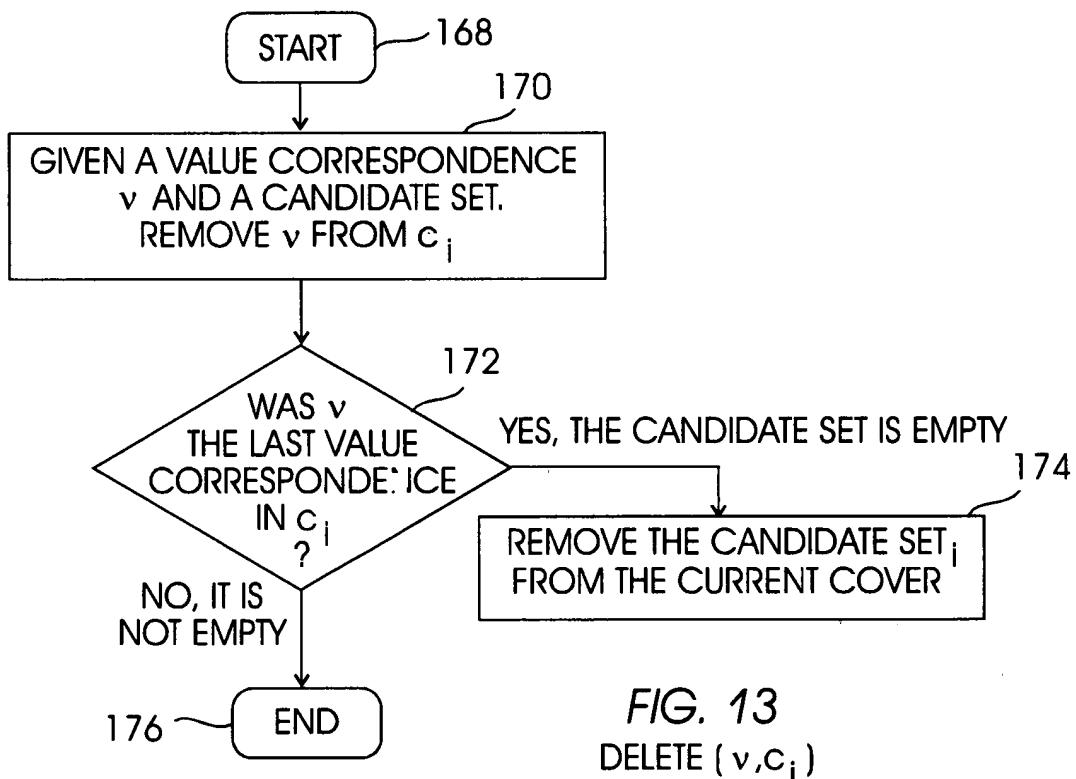


FIG. 13  
DELETE (v, c\_i)